

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2108	automat\$6 and (web with brows\$3 or navigat\$5 or interact\$5) and (creat\$3 or record\$3 or execut\$3) and (log\$4 adj (in\$1 or on\$1))	US-PGPUB	OR	OFF	2007/01/02 14:55
L2	35	1 and @ad<="20000731"	US-PGPUB	OR	OFF	2007/01/02 14:55
L3	12	1 and @ad<="19981208"	US-PGPUB	OR	OFF	2007/01/02 14:55

1/2/07 B

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2108	automat\$6 and (web with brows\$3 or navigat\$5 or interact\$5) and (creat\$3 or record\$3 or execut\$3) and (log\$4 adj (in\$1 or on\$1))	US-PGPUB	OR	OFF	2007/01/02 14:56
L2	35	1 and @ad<="20000731"	US-PGPUB	OR	OFF	2007/01/02 14:57
L3	12	1 and @ad<="19981208"	US-PGPUB	OR	OFF	2007/01/02 14:57
L4	4878	automat\$6 and (web with brows\$3 or navigat\$5 or interact\$5) and (creat\$3 or record\$3 or execut\$3) and (log\$4 adj (in\$1 or on\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/02 14:56
L5	12	4 and @ad<="19981208"	US-PGPUB	OR	OFF	2007/01/02 14:58
L6	35	4 and @ad<="20000731"	US-PGPUB	OR	OFF	2007/01/02 14:58
L7	1	5 and macro\$1	US-PGPUB	OR	OFF	2007/01/02 14:58
L8	4	6 and macro\$1	US-PGPUB	OR	OFF	2007/01/02 14:58
L9	1704	4 and @ad<="19981208"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/02 14:58
L10	2146	4 and @ad<="20000731"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/02 14:58
L11	155	9 and macro\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/02 14:59
L12	229	10 and macro\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/02 14:59

EAST Search History

L13	2	11 and ((web or html or xml) with (navigat\$4 or interact\$4 or surf\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/02 15:02
L14	45	12 and ((web or html or xml) with (navigat\$4 or interact\$4 or surf\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/02 15:02
S1	134	automat\$6 near (logon or login)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/04 12:55
S2	0	S1 and (web adj tour\$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/04 12:54
S3	21	auto adj (logon or login)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/04 12:57
S4	94	(web or internet) near tour\$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/04 12:58
S5	44	S4 and (auto or automatic\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/04 12:59
S6	0	S4 and ((auto or automatic\$4) near (logon\$1 or login\$1))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/04 13:01
S7	0	S4 and ((auto or automatic\$4) same (logon\$1 or login\$1))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/04 12:59
S8	5	(((auto or automatic\$4) near (logon\$1 or login\$1))) near (web or internet)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/04 13:18
S9	61	tramline	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/04 13:19

EAST Search History

S10	0	tourmaker	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/04 13:19
S11	1	virtual adj field adj trip\$1	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/04 13:27
S12	0	surfvcr	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/04 13:52
S13	91	("6029173" "6366927" "6278453" "6329994" "6331861" "6417874" "6418448" "6195679" "5297253" "5668928" "5892938" "6212474" "6212474" "6252544" "6393149" "6429812" "6600841" "6768818" "6791587" "5594892" "5740408" "5790122" "6029135" "6121970" "6141011" "6232970" "6310634" "6356283" "6538673" "6686931" "6073076" "5872555" "6212575" "6212575" "5907843" "5838927" "5877766" "6003037" "6049812" "6101510" "6101472" "6208338" "6247020" "6345288" "6460058" "6477565" "6522875" "5910803" "5835571" "5873064").pn.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/04 13:53
S14	16113	S13 adn tour\$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/04 13:53
S15	3	S13 and tour\$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/04 13:53
S16	2	("6412073").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/29 13:59
S17	2	("5918019").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 10:35

EAST Search History

S18	1353	internet with (data adj packet)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 10:36
S19	166	internet with (data adj packet adj network)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 11:06
S20	2	("6009429").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 11:14
S21	30	(automated) same (browser) same (navigation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 11:22
S22	51	internet same (slide adj show)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 11:42
S23	2176	user adj configuration	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 11:39
S24	20	user adj configuration adj control	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 11:39
S25	30	internet with (slide adj show)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 11:43
S26	49	"5918019"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 12:52

EAST Search History

S27	2	("5918019").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 12:52
S28	2	("6000033").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 12:53
S29	2	("6014502").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 13:18
S30	21437	(record\$3) same (web or navigation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 13:19
S31	13398	(record\$3) with (web or navigation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 13:19
S32	4118	(record\$3) with (navigation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 13:20
S33	220	(record\$3) with (navigation) with step\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 13:43
S34	20419	sequence with instructions	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 13:44
S35	1126	(sequence with instructions) and browser	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 13:44

EAST Search History

S36	1022	((sequence with instructions) and browser) and web	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 13:50
S37	6995	sequence adj instructions	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 13:50
S38	0	(sequence adj instructions) with (web adj browser)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 13:51
S39	1	(sequence adj instructions) same (web adj browser)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 13:51
S40	148	recording adj sequences	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 13:54
S41	378	event adj recorder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 13:57
S42	0	recording adj internet adj browser adj session	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 13:57
S43	25	recording same internet same browser same session	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 14:02
S44	92	recording same browser same session	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 14:07
S45	316	recording same user adj step\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 14:07

EAST Search History

S46	174	recording with user adj step\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 14:35
S47	2	("5809247").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 14:35
S48	2	("5471675").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 14:41
S49	2	("5544315").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 14:41
S50	2	("5544320").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 14:42
S51	2	("5548726").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 14:42
S52	2	("5572643").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 14:43
S53	2	("5574915").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 14:43

EAST Search History

S54	2	("5625781").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 14:43
S55	2	("5741675").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/26 09:48
S56	2	("5471675").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/26 09:55
S57	31	webtour or (web adj tour)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/26 12:24
S58	2	("6535909").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/26 11:42
S59	3	(webtour or (web adj tour)) and XML	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/26 12:52
S60	1394	collab\$8 and XML	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/26 12:53
S61	1293	(collab\$8 and XML) and web	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/26 12:54
S62	6416	XML and (personal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/12/01 15:13

EAST Search History

S63	574	XML and (personal adj data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/12/01 15:16
S64	177	XML and (personal adj data not assistant\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/12/01 15:19
S65	17	XML same (personal adj data not assistant\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/12/01 15:23
S66	6	XML with (personal adj data not assistant\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/12/01 15:34
S67	19	XML adj encryption	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/12/01 15:34
S68	2	("6490564").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/12/02 16:05
S69	181	xml with encrypt\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/12/02 16:12
S70	23	xml with encrypt\$5	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/12/02 16:12
S71	32	encrypt\$5 adj XML	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/12/03 08:58
S72	106	(personal adj data) same secure	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/12/03 11:17

EAST Search History

S73	199	((personal or private) adj data) same secure	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/12/03 11:21
S74	36	(((personal or private) adj data) same secure) and pointer\$1	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/12/03 11:35
S75	8	(((personal or private) adj data) same secure) and pointer\$1) not mouse	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/12/03 11:38
S76	115	xml same (secure or private)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/12/03 11:40
S77	61	xml with (private or personal)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/12/03 11:48
S78	0	xml with (script\$4l)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/12/03 11:48
S79	0	xml same (script\$4l)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/12/03 11:48
S80	133	xml with (script\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/12/03 11:52
S81	2	URI adj pointer	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/12/03 11:54
S82	72	URL adj pointer	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/12/03 11:54
S83	2	("6182072").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/12/10 11:34

EAST Search History

S84	42061	(record\$3 or stor\$3 or sav\$3) same (web or browser)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/15 15:55
S85	4345	(record\$3 or stor\$3 or sav\$3) near (web or browser)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/15 15:56
S86	2968	(record\$3 or stor\$3 or sav\$3) adj (web or browser)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/15 15:56
S87	25748	(record\$3 or stor\$3 or sav\$3) adj (step\$1)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/15 15:56
S88	3128	recording adj step\$1	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/15 15:58
S89	154	web with tour\$1	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/15 15:59
S90	40	(web with tour\$1) same (record\$3 or stor\$3 or sav\$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/15 15:59
S91	10	(calculator or spreadsheet) near html	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/16 13:49
S92	127	(calculator or spreadsheet) with html	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/16 13:50
S93	54	session adj captur\$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/28 14:14
S94	28	web adj tour\$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/28 14:53
S95	4109	automatic\$4 same brows\$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/28 14:56

EAST Search History

S96	73	automatic\$4 adj brows\$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/28 14:54
S97	824	(automatic\$4 same brows\$3) and captur\$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/28 14:57
S98	109	((automatic\$4 same brows\$3) and captur\$3) and xml	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/28 15:03
S99	2131	(automatic\$4 same brows\$3) and record\$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/28 15:37
S100	2	internet adj macro\$1	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/28 15:41
S101	509	web adj record\$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/28 15:58
S102	940	macro\$1 with record\$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/28 15:59
S103	9	(macro\$1 with record\$3) and xml	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/28 16:03
S104	0	(macro\$1 with record\$3) and browser\$1l	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/28 16:04
S105	54	(macro\$1 with record\$3) and web	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/28 16:05
S106	145	internet adj monitor\$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/28 16:05
S107	3	(internet adj monitor\$3) and xml	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/28 16:05

EAST Search History

S10 8	1	vbscript\$3 same browser\$1 same macro\$1	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/29 08:16
S10 9	69	vbscript\$3 same browser\$1	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/29 08:31
S11 0	10	IBM and (automat\$4 adj internet)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/29 08:32
S11 1	2	("6,289,382").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/29 15:14
S11 2	44	US-4701130-\$ DID. OR US-4895518-\$ DID. OR US-5199068-\$ DID. OR US-5259766-\$ DID. OR US-5267865-\$ DID. OR US-5270920-\$ DID. OR US-5301270-\$ DID. OR US-5310349-\$ DID. OR US-0531422-\$ DID. OR US-5326270-\$ DID. OR US-5381332-\$ DID. OR US-5395243-\$ DID. OR US-5421730-\$ DID. OR US-5499293-\$ DID. OR US-5548506-\$ DID. OR US-5597312-\$ DID. OR US-0565518-\$ DID. OR US-5761063-\$ DID. OR US-5765140-\$ DID. OR US-5788504-\$ DID. OR US-5795155-\$ DID. OR US-5826252-\$ DID. OR US-5829983-\$ DID.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/29 15:28
S11 3	14	"6,125,363"	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/04/29 15:28
S11 4	1566	automat\$3 and browser\$1 and navigat\$3 and sequenc\$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 13:40

EAST Search History

S11 5	35068	(automat\$3 and browser\$1 and navigat\$3 and sequenc\$3) or macro\$1	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 13:41
S11 6	145	(automat\$3 and browser\$1 and navigat\$3 and sequenc\$3) and macro\$1	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 13:43
S11 7	131	((automat\$3 and browser\$1 and navigat\$3 and sequenc\$3) and macro\$1) and web	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 13:49
S11 8	1	browser\$1 near macro\$1	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 13:50
S11 9	41789	record\$3 near surf\$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 13:51
S12 0	22848	record\$3 adj surf\$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 13:51
S12 1	463883	(record\$3 or sav\$3 or stor\$3) same (sequenc\$3 or step\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 13:52
S12 2	0	explorer near macro\$1	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 13:52
S12 3	0	netscape near macro\$1	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 13:52
S12 4	40	microsoft near macro\$1	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 13:53
S12 5	1	(microsoft near macro\$1) and browser\$1	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 14:37
S12 6	28	(web or internet) adj macro\$1	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 14:43

EAST Search History

S12 7	29	(web or internet) near macro\$1	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 14:43
S12 8	248	(web or internet) with macro\$1	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 14:41
S12 9	3	(web or internet) adj macro\$1	US-PGPUB	OR	OFF	2004/05/05 14:43
S13 0	5	(web or internet) near macro\$1	US-PGPUB	OR	OFF	2004/05/05 14:44
S13 1	2	("6412073").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/13 13:52
S13 2	2	("6199077").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/13 13:53
S13 3	3	("6725425").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/13 13:56
S13 4	2	("6490564").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/13 13:56
S13 5	2	("6625808").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/13 13:57
S13 6	2	("6144375").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/13 13:57

EAST Search History

S13 7	2	("6286033").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/13 13:59
S13 8	2	("6421673").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/13 14:00
S13 9	2	("6560641").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/13 14:04
S14 0	2	("6535909").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/13 14:04
S14 1	2	("6182072").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/13 14:10
S14 2	2	("6009429").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/13 14:19
S14 3	2	("6182073").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/13 14:12
S14 4	2441	(709/219).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/13 14:14

EAST Search History

S14 5	34	(345/732).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/13 14:14
S14 6	400	(714/46).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/13 14:14
S14 7	636	(715/500.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/13 14:14
S14 8	4326	(709/203).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/13 14:15
S14 9	1056	(709/204).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/13 14:15
S15 0	3785	(707/10).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/13 14:17
S15 1	2	("6572662").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/13 14:38
S15 2	2	("5809247").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/13 14:39

EAST Search History

S15 3	2	("5794259").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/13 14:39
S15 4	6130	record\$3 same session\$1	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/13 14:40
S15 5	274	record\$3 same session\$1 same web	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/13 14:43
S15 6	26	record\$3 same session\$1 same web same HTML	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/13 14:43
S15 7	7	executable adj icon\$1	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/19 10:04
S15 8	0	program\$4 adj by adj demonstrat\$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/19 10:05
S15 9	289	program\$4 adj demonstrat\$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/19 10:48
S16 0	0	webvcr	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/19 10:55
S16 1	15	smart adj bookmark\$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/19 10:55
S16 2	0	automat\$3 near ((web or website) near navigat\$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/24 11:23
S16 3	8	automat\$3 near ((web or website) near5 navigat\$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/24 11:24

EAST Search History

S16 4	114	automat\$3 near (logon or login)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/24 11:28
S16 5	23	web adj tour\$1	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/24 11:39
S16 6	8	(web adj tour\$1) and record\$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/24 11:30
S16 7	1	(web adj tour\$1) and password\$1	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/24 11:30
S16 8	137	automatic\$3 near authenticat\$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/24 11:40
S16 9	51	(automatic\$3 near authenticat\$3) and record\$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/24 11:40
S17 0	126	(auto or automatic\$3) adj (login\$1 or logon\$1 or (log adj in\$1) or (log adj on\$1))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/10 15:22
S17 2	200	(auto or automat\$2 or automatic\$3) near3 (login\$1 or logon\$1 or (log adj in\$1) or (log adj on\$1))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/15 08:49
S17 3	152	(auto or automat\$2 or automatic\$3) near (login\$1 or logon\$1 or (log adj in\$1) or (log adj on\$1))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/15 08:49
S17 4	62	S173 and (html or web or www or (world adj wide adj web))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/15 09:08
S17 5	43	web near tour\$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/15 09:49
S17 6	2	("6009429").PN.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/15 09:12

EAST Search History

S17 7	3	("6725425").PN.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/15 10:05
S17 8	2	("5982370").PN.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/15 10:06
S17 9	3	("6725425").PN.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/15 10:06
S18 0	2	("6535912").PN.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/16 14:38
S18 1	1684	(709/219).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/26 09:07
S18 2	0	(345/732).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/26 09:07
S18 3	1	("0715732").PN.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/26 09:07
S18 4	24	(715/732).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/26 09:07
S18 5	390	(714/46).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/26 09:08
S18 6	579	(715/500.1).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/26 09:08
S18 7	2426	(709/203).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/26 09:08
S18 8	658	(709/204).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/26 09:08

EAST Search History

S18 9	3304	(707/10).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/26 09:08
S19 0	924	(715/513).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/26 09:08
S19 2	2606	(session\$1 near record\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/04 15:02
S19 3	166	(web or html) same (session\$1 near record\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/04 15:04
S19 4	22	((web or html or xml) with (navigat\$3 or interact\$3) same (session\$1 near record\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/04 15:04
S19 5	3784	((login\$1 or logon\$1 or connect\$3 or (log adj in\$1) or (log adj on\$1) or (logg\$3 adj (in\$1 or on\$1))) near (automatic\$4 or automat\$3 or instant\$2)) same (record\$3 or logg\$3 or stor\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 13:06
S19 6	51	S195 and (brows\$3 near navigat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 13:07
S19 7	700	((login\$1 or logon\$1 or connect\$3 or (log adj in\$1) or (log adj on\$1) or (logg\$3 adj (in\$1 or on\$1))) near (automatic\$4 or automat\$3 or instant\$2)) same (web or html)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 13:07
S19 8	4	S197 and (brows\$3 with aggregat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 13:08
S19 9	316	S197 and (collect\$3 or aggregat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 13:12

EAST Search History

S20 0	2519	S195 and (@ad<="20000901")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 13:11
S20 1	2138	S195 and (@ad<="19981208")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 13:11
S20 2	550	S201 and (collect\$3 or aggregat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 13:17
S20 3	1	S202 and (session\$1 near (record\$3 or log\$1 or logging\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 13:22
S20 4	7	S202 and (session\$1 near5 (record\$3 or log\$1 or logging\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 13:57
S20 5	3	cruisecontrol	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 13:57
S20 6	14	(auto or automatic or automatically) near ((sign\$3 or log\$1 or logging\$1) adj in\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/14 14:32
S20 7	35	(auto or automatic or automatically) near5 ((sign\$3 or log\$1 or logging\$1) adj in\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/14 14:33
S20 8	117	(auto or automatic or automatically) with ((sign\$3 or log\$1 or logging\$1) adj in\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/14 14:34
S20 9	92	S208 and (stor\$3 or record\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/14 14:34

EAST Search History

S21 0	30	S208 and (record\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/14 14:35
S21 1	3245	record\$3 near (navigat\$4 or session\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/14 14:35
S21 2	84	(record\$3 near (web near5 (navigat\$4 or session\$3)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/14 14:36
S21 3	8080	((web or html) same (session\$1 or navigat\$4)) same (track\$3 or log\$4 or record\$3 or document\$3 or playback)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/19 15:46
S21 4	5012	((web or html) with (session\$1 or navigat\$4)) same (track\$3 or log\$4 or record\$3 or document\$3 or playback)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/19 15:46
S21 5	1043	((web or html) with (session\$1 or navigat\$4)) with (track\$3 or log\$4 or record\$3 or document\$3 or playback)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/19 15:48
S21 6	282	(((web or html) with (session\$1 or navigat\$4)) with (track\$3 or log\$4 or record\$3 or document\$3 or playback)) and (login\$1 or logon\$1 or (log adj (in\$1 or on\$1)))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/19 15:50
S21 7	110	(((web or html) with (session\$1 or navigat\$4)) with (track\$3 or log\$4 or record\$3 or document\$3 or playback)) same (login\$1 or logon\$1 or (log adj (in\$1 or on\$1)))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/19 15:59
S21 8	4	(((web or html) with (session\$1 or navigat\$4)) with (track\$3 or log\$4 or record\$3 or document\$3 or playback)) same (login\$1 or logon\$1 or (log adj (in\$1 or on\$1))) same (auto or automatic or automatically)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/19 16:04
S21 9	31	web adj tour\$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/19 16:10

EAST Search History

S22 0	8	(web adj tour\$3) and (login\$1 or logon\$1)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/19 16:10
S22 1	2	("6105055").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/05 08:17
S22 2	2	("5583980").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/05 08:17
S22 3	2	("6484156").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/05 08:48
S22 4	2	virtual adj (field adj trip\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/05 08:49
S22 5	0	tourmaker	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/05 09:19
S22 6	1018	virtual near5 (tour\$3 or (field adj trip\$1) or vacation\$1 or learn\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/05 09:19
S22 7	663	S226 and (web or internet)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/05 09:20
S22 8	463	S227 and (record\$3 or replay\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/05 09:20

EAST Search History

S22 9	38	S228 and @ad<="19981208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/05 09:20
S23 0	12	("5459306" "5504675" "5572643" "5717860" "5809247" "5918014" "5991740" "6009429" "6182072").PN. OR ("6572662"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/05 09:26
S23 1	3285	(709/219).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/06 12:47
S23 2	0	(345/732).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/06 12:47
S23 3	64	(715/732).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/06 12:47
S23 4	445	(714/46).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/06 12:47
S23 5	912	(715/500.1).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/06 12:47
S23 6	5785	(709/203).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/06 12:47
S23 7	1502	(709/204).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/06 12:48
S23 8	5094	(707/10).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/06 12:48

EAST Search History

S23 9	2266	(715/513).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/06 12:48
S24 0	16892	S231 S233 S234 S235 S236 S237 S238 S239	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/06 12:48
S24 1	4844	S240 and @ad<="19981208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/06 12:49
S24 2	4	S241 and (web adj (tour\$3 or (field adj trip\$1) or (virtual adj tour\$3)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/06 12:50
S24 3	10509	(software\$1 with agent\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/21 10:52
S24 4	20335	((program\$5 or software\$1) with agent\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/21 10:53
S24 5	4869	S244 and @ad<="19981208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/21 10:53
S24 6	1576	S245 and record\$3 and log\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/21 10:54
S24 7	17	S246 and (navigat\$4 with (sequenc\$3 or pattern\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/21 10:54
S24 8	1	S246 and (((web or network or internet) with navigat\$4) with (sequenc\$3 or pattern\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/21 10:55

EAST Search History

S24 9	3	("6725425").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/23 08:26
S25 0	2	("6199077").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/23 08:27
S25 1	2	("6412073").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/23 08:27
S25 2	9	("5978807" "5982370" "5983170").PN. OR ("6725425"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/23 08:54
S25 3	42	("5649186" "5708825" "5794233" "5855015" "5931907" "5983227" "5987466" "6029180" "6029182" "6032162" "6038668" "6041326" "6108686" "6119101").PN. OR ("6199077"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/23 08:54
S25 4	24	("20010000537" "20010020242" "5918019" "6000033" "6014502" "6023684" "6065120" "6085229" "6148402" "6182229" "6192407" "6199077" "6233608" "6330592").PN. OR ("6412073").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/23 08:55
S25 5	70	S252 S253 S254	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/23 08:55
S25 6	29	S255 and @ad<="19981208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/23 08:55
S25 7	16	S256 and (record\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/23 08:57

EAST Search History

S25 8	9	S256 and (login or log-in or (log adj in))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/23 08:58
S25 9	0	S258 and xml	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/23 08:59
S26 0	2	S258 and sequenc\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/23 08:59
S26 1	1398	(automat\$6 with (web or internet) with (navigat\$4 or surf\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/23 15:14
S26 2	40	S261 and macro\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/23 15:07
S26 3	10	("4780821" "5974446" "6058416" "6195685" "6233600").PN. OR ("6341314").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/23 15:13
S26 4	82	((automat\$6 with (web or internet) with (navigat\$4 or surf\$3))) same record\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/23 15:15
S26 5	57751	(server\$1 or isp\$1) with (access\$3) with (user\$1 or client\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/24 08:51
S26 6	3001	(isp\$1) with (access\$3) with (user\$1 or client\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/24 08:51
S26 7	45	(isp\$1) with (access\$3) with ((user\$1 or client\$1) with profile\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/24 08:52

EAST Search History

S26 8	13	S267 and @ad<="19981208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/24 08:58
S26 9	42184	(record\$3 or stor\$3 or sav\$3 or captur\$3) with (navigat\$3 or step\$1 or click\$1 or action\$1 or sequence\$1 or event\$1) with (web or browser or network or internet)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/24 08:57
S27 0	42184	(record\$3 or stor\$3 or sav\$3 or captur\$3) with (web or browser or network or internet) with (navigat\$3 or step\$1 or click\$1 or action\$1 or sequence\$1 or event\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/24 08:58
S27 1	5059	(record\$3 or stor\$3 or sav\$3 or captur\$3) near3 (web or browser or network or internet) near3 (navigat\$3 or step\$1 or click\$1 or action\$1 or sequence\$1 or event\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/24 09:04
S27 2	1157	S271 and @ad<="19981208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/24 09:06
S27 3	24523	("715").CLAS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/24 08:59
S27 4	43250	("709").CLAS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/24 08:59
S27 5	33130	("707").CLAS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/24 08:59
S27 6	92296	S273 S274 S275	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/24 08:59
S27 7	424	S272 and S276	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/24 09:01

EAST Search History

S27 8	19	S277 and (automat\$7 with navigat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/24 09:01
S27 9	475	(record\$3 or stor\$3 or sav\$3 or captur\$3) near (web or browser or network or internet) near (navigat\$3 or step\$1 or click\$1 or action\$1 or sequence\$1 or event\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/24 09:04
S28 0	104	S272 and S279	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/24 09:05
S28 1	7446	(web or navigat\$3) with (macro\$1 or script\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/24 09:06
S28 2	1189	S273 and S281	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/24 09:06
S28 3	200	S282 and @ad<="19981208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/24 09:29
S28 4	4210	walden\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/24 09:26
S28 5	0	walden\$1 adj path\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/24 09:28
S28 6	328	(hypertext or hypermedia) with path\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/24 09:29
S28 7	107	S286 and @ad<="19981208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/24 09:32

EAST Search History

S28 8	35	S287 and (cut\$4 or past\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/24 09:33
S28 9	26	S287 and (past\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/24 09:33
S29 0	69	(creat\$3 with bots)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/24 15:09
S29 1	54	(creat\$3 with bots) and (record\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/24 15:09
S29 2	10	(creat\$3 with bots) and (record\$3 with sequenc\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/24 16:01
S29 3	432	proxy with (aggregat\$4 or summar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/24 16:02
S29 4	59	S293 and @ad<="19981208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/24 16:02
S29 5	139	(automator\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/26 10:33
S29 6	0	(automator\$1) and apple.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/26 10:33
S29 7	21	(automator\$1) and script\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/26 10:34

EAST Search History

S29 8	13	(automator\$1) and script\$3 and record\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/26 10:37
S29 9	8	(automator\$1) and script\$3 and record\$3 and web	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/26 10:40
S30 0	8	S299 and 2ad<="19981208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/26 10:38
S30 1	0	S299 and @ad<="19981208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/26 10:39
S30 2	6	("5991806" "6113645" "6216164" "6532023" "6549216").PN. OR ("6631345").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/26 10:38
S30 3	2	S302 and @ad<="19981208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/26 10:39
S30 4	44	("5119307" "5627886" "5754760" "5781720" "5805891" "5870719" "5905856" "5954829" "5960196" "5983001" "6002869" "6002871" "6006230" "6014760" "6031990" "6058492" "6064381" "6067639" "6069873" "6094531" "6175845" "6189116" "6249882" "6259911" "6272673" "6385594" "6405364" "6408335" "6408403" "6421793" "6424978" "6442748" "6480469" "6502102").PN. OR ("6701514").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/26 10:39
S30 5	28	S304 and @ad<="19981208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/26 10:43

EAST Search History

S30 6	2	S305 and script\$3 and record\$3 and web	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/26 10:42
S30 7	0	S305 and script\$3 and record\$3 and web and securit\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/26 10:42
S30 8	1	S305 and record\$3 and web and securit\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/26 10:42
S30 9	15	(US-20020002571-\$).did. or (US-6629087-\$ or US-6009429-\$ or US-6615240-\$ or US-6182072-\$ or US-5809247-\$ or US-6572662-\$ or US-6421673-\$ or US-6029182-\$ or US-6199077-\$ or US-5717860-\$ or US-6701514-\$ or US-6907546-\$ or US-6502102-\$ or US-6631345-\$). did.	US-PGPUB; USPAT	OR	OFF	2006/03/26 10:43
S31 0	4	S309 and cookie\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/26 10:43
S31 1	7	S309 and @ad<="19981208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/26 10:53
S31 2	4	S310 and cookie\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/26 10:52
S31 3	1469	program\$4 with (demonstration\$1 or example\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/26 10:52
S31 4	603	S313 and @ad<="19981208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/26 10:53

EAST Search History

S31 5	35	S314 and (script\$3 and record\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/26 10:54
S31 6	1	S314 and (web with record\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/26 12:14
S31 7	12634	(web with au\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/26 12:15
S31 8	1697	S317 and @ad<="19981208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/26 12:15
S31 9	978	S318 and (macro\$1 or script\$3 or record\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/26 12:19
S32 0	26	S319 and ((auto or automatic\$4) with (login\$1 or logon\$1 or log-in\$1 or log-on\$1 or (log adj (in\$1 or on\$1))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/26 12:19
S32 1	2	S320 and macro\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/26 12:19
S32 2	45	S318 and (macro\$1 and record\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/26 12:20
S32 3	13	("5802299" "5870559" "5894554" "5895476" "5945989").PN. OR ("6178433").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/26 12:22
S32 4	0	optimiz\$3 with ((multi or multiple) with paged)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/27 11:43

EAST Search History

S32 5	1	optimiz\$3 same ((multi or multiple) with paged)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/27 11:43
S32 6	348	optimiz\$3 same ((multi or multiple) with pag\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/27 11:44
S32 7	135	optimiz\$3 with ((multi or multiple) with pag\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/27 11:44
S32 8	63	S327 and @ad<="19981208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/27 12:30
S32 9	58	S328 and (thumb-nail\$3 or thumbnail\$3 or (thumb adj nail\$3) or reduc\$3 or miniatur\$5 or small\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/27 12:28
S33 0	114	(web with agent\$1) with (login\$1 or log-in\$1 or logon\$1 or log-on\$1 or (log adj (in\$1 or n\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/27 12:39
S33 1	3	S330 and @ad<="19981208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/27 12:36
S33 2	264	(web with agent\$1) with record\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/27 12:36
S33 3	59	S332 and @ad<="19981208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/27 12:44
S33 4	2	("6,360,332").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/27 12:39

EAST Search History

S33 5	2	("5,898,836").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/27 12:39
S33 6	1	S334 and (login\$1 or log-in\$1 or logon\$1 or log-on\$1 or (log adj (in\$1 or n\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/27 12:44
S33 7	30	(smart adj bookmark\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/27 12:43
S33 8	16	S337 and (login\$1 or log-in\$1 or logon\$1 or log-on\$1 or (log adj (in\$1 or n\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/27 12:44
S33 9	5	S338 and @ad<="19981208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/27 12:48
S34 0	396	(automat\$3 with access\$3) with (password\$1 or (pass adj word\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/27 12:48
S34 1	100	S340 and @ad<="19981208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/27 12:52
S34 2	64	S341 and (agent\$1 or bookmark\$3 or record\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/27 12:50
S34 3	45	S341 and (agent\$1 or bookmark\$3 or recorded or recording)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/27 12:51
S34 4	5	S343 and web	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/27 12:51

EAST Search History

S34 5	5	S343 and (www or web or (world adj wide adj web))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/27 12:52
S34 6	128	(automat\$3 near5 access\$3) with (online or on-line or (on adj line))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/27 12:52
S34 7	29	S346 and @ad<="19981208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/27 12:53
S34 8	8	S347 and password\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/27 13:01
S34 9	2	S348 and (communication\$1 adj object\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/27 13:01
S35 0	2	("6535909").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/28 09:34
S35 1	30	(smart adj bookmark\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/28 09:08
S35 2	2	("6,535,912").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/28 09:08
S35 3	7	("5809250" "5905866" "6122647" "6199079" "6230168" "6237030" "6442589").PN. OR ("6976210").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/28 09:10
S35 4	2	("6088717").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/28 09:32

EAST Search History

S35 5	2	("6976210").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/28 09:45
S35 6	11349	(709/219,203,227).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/28 09:45
S35 7	3998	(715/732,500.1,513,526).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/28 09:45
S35 8	463	(714/46).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/28 09:45
S35 9	5602	(707/10).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/28 09:45
S36 0	19897	S356 S357 S358 S359	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/28 09:46
S36 1	8957	S360 and @ad<="20000901"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/28 09:47
S36 2	10	S361 and (smart adj bookmark\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/28 09:47
S36 3	1	iopus.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/27 15:40
S36 4	0	dejasurf.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/27 16:04

EAST Search History

S36 5	2	("6243707").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/27 16:04
S36 6	23	("4964075" "5706290" "5886732" "5940387" "5956487" "6005861" "6097441").PN. OR ("6243707").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/27 16:05
S36 7	5	S366 and (macro\$1 and (web or html))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/27 16:06
S36 8	423	kant.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 08:37
S36 9	0	kant.in. and lifchitz.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 08:38
S37 0	0	lifchitz.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 08:38
S37 1	321	kant.in. and @ay<="2003"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 08:39
S37 2	287	kant.in. and @ay<="2002"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 08:39
S37 3	1	web-r	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 08:39
S37 4	1	"web-r"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 08:40

EAST Search History

S37 5	663	web adj record\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 08:42
S37 6	26	(web adj record\$3) and playback\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 08:46
S37 7	10	S376 and @ad<="19981208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 09:38
S37 8	10	US-6581117-\$ DID. OR US-6848104-\$ DID. OR US-6675387-\$ DID. OR US-5715453-\$ DID. OR US-5611038-\$ DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 09:02
S37 9	26402	(software or web or load\$3 or html) near test\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 09:02
S38 0	42490	(software or web or load\$3 or html) near (record\$3 or test\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 09:02
S38 1	2923	(web) near (record\$3 or test\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 09:02
S38 2	1158	S381 and @ad<="19981208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 09:03
S38 3	8	S382 and macro\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 09:05
S38 4	2	S382 and macro\$1 and playback\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 09:05

EAST Search History

S38 5	50	("5335342" "5577254" "5727129" "5760771" "5761436" "5774123" "5809250" "5854630" "5890172" "5895471" "5907843" "5926180" "5937163" "5951643" "5954798" "5960429" "5963208" "5964839" "5991773" "6002871" "6008807" "6012086" "6012093" "6018342" "6035332" "6044398" "6052730" "6119147").PN. OR ("6195679"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/01 09:08
S38 6	29	S385 and @ad<="19981208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 09:15
S38 7	2	S386 and macro\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 09:11
S38 8	5	S386 and record\$3 and playback\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 09:12
S38 9	3	S386 and record\$3 and playback\$1 and (web or html)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 09:14
S39 0	3	S386 and record\$3 and (replay\$3 or playback\$1) and (web or html)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 09:15
S39 1	46	S382 and record\$3 and (replay\$3 or playback\$1) and (web or html)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 09:15
S39 2	46	S391 and @ad<="19981208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 09:16

EAST Search History

S39 3	12	S392 and (data\$1 and collect\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 09:18
S39 4	40	S392 and (form\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 09:20
S39 5	0	S392 and (form\$1 near fill\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 09:20
S39 6	8	S392 and (form\$1 near field\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 09:32
S39 7	2	("5951643").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 09:22
S39 8	0	S392 and (form\$1 near field\$1) and (log\$4 adj (in\$1 or on\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 09:33
S39 9	8	S392 and (form\$1 near field\$1) and (log\$4 adj (in\$1 or on\$1) or logon or username or password\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 09:34
S40 0	21	(US-6122647-\$ or US-6631345-\$ or US-6535909-\$ or US-6230168-\$ or US-6629087-\$ or US-6535912-\$ or US-6907546-\$ or US-6572662-\$ or US-6976210-\$ or US-6199079-\$ or US-6029182-\$ or US-5809250-\$ or US-6701514-\$ or US-6502102-\$ or US-6088717-\$ or US-6199077-\$ or US-6237030-\$ or US-6195679-\$ or US-6418471-\$ or US-6189024-\$ or US-5951643-\$).did.	USPAT	OR	OFF	2006/08/01 09:38
S40 1	12	S400 and @ad<="19981208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 09:41

EAST Search History

S40 2	3	S401 and ((username\$1 or password\$1) with (record\$3 or playback\$1 or replay\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 09:39
S40 3	1	S401 and ((password\$1) with (record\$3 or playback\$1 or replay\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 09:40
S40 4	358	(password\$1) with (record\$3 or playback\$1 or replay\$3) with (web or html or site\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 10:32
S40 5	22	S404 and @ad<="19981208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 09:42
S40 6	10	(password\$1) with (record\$3 and (playback\$1 or replay\$3)) with (web or html or site\$1 or session\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 09:45
S40 7	1	S406 and @ad<="19981208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 10:32
S40 8	2	S401 and (test\$3 or stress\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 09:46
S40 9	8	S401 and (test\$3 or stress\$3 or load\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 09:49
S41 0	8	S401 and (test\$3 or stress\$3 or load\$3 or workload\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 09:50
S41 1	2	S401 and (test\$3 or stress\$3 or workload\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 09:50

EAST Search History

S41 2	2	("6286046").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 10:24
S41 3	8	S406 and automat\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 10:24
S41 4	4	S388 and automat\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 10:25
S41 5	2	S388 and (automat\$7 near (replay\$3 or playback\$1 or play\$3 or record\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 10:28
S41 6	3	S388 and (manual\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 10:30
S41 7	3	S388 and (edit\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 10:31
S41 8	0	S388 and (xml)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 10:31
S41 9	79	S404 and (xml or xhtml)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 10:32
S42 0	0	S419 and @ad<="19981208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 10:45
S42 1	4	S400 and xml	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 10:40

EAST Search History

S42 2	0	S400 and (xml with (script\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 10:40
S42 3	0	S400 and (xml with (execut\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 10:41
S42 4	0	S400 and (xml with (sequenc\$3 or list\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 10:41
S42 5	2	S400 and anupam.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 10:42
S42 6	2	S400 and anupam.in. and xml	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 10:44
S42 7	3	S400 and ((silva.in. or kumar.in. or anupam.in.) and xml)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 10:44
S42 8	301	((silva.in. or kumar.in. or anupam.in.) and xml)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 10:46
S42 9	57	((silva.in. or kumar.in. or anupam.in.) and xml and smart)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 10:45
S43 0	0	S429 and @ad<="19981208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 10:45
S43 1	0	S428 and @ad<="19981208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 10:46

EAST Search History

S43 2	414	((silva.in. or kumar.in. or anupam.in.) and lucent.as.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 10:46
S43 3	176	S432 and @ad<="19981208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 10:48
S43 4	26	S433 and (record\$3 or playback\$1 or replay\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 10:47
S43 5	0	S433 and (record\$3 or playback\$1 or replay\$3) and xml	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 10:47
S43 6	0	S433 and (record\$3 or playback\$1 or replay\$3) and script\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 10:47
S43 7	26	S433 and (record\$3 or playback\$1 or replay\$3) and step\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 10:47
S43 8	21	S433 and (record\$3 or playback\$1 or replay\$3) and sequenc\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 10:47
S43 9	22	(US-6122647-\$ or US-6631345-\$ or US-6535909-\$ or US-6230168-\$ or US-6629087-\$ or US-6535912-\$ or US-6907546-\$ or US-6572662-\$ or US-6976210-\$ or US-6199079-\$ or US-6029182-\$ or US-5809250-\$ or US-6701514-\$ or US-6502102-\$ or US-6088717-\$ or US-6199077-\$ or US-6237030-\$ or US-6195679-\$ or US-6418471-\$ or US-6189024-\$ or US-5951643-\$ or US-6286046-\$). did.	USPAT	OR	OFF	2006/08/01 10:48

EAST Search History

S44 0	13	S439 and @ad<="19981208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 10:48
S44 1	1	S440 and xml	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/01 10:48
S44 2	294	(record\$3 near xml)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 14:04
S44 3	0	S442 and @ad<="19980101"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 14:03
S44 4	0	S442 and @ad<="19990101"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 14:36
S44 5	3	(record\$3 near sgml)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 14:03
S44 6	28	(macro\$1 near xml)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 14:05
S44 7	0	S446 and @ad<="19990101"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 14:05
S44 8	5	(US-6418471-\$ or US-6189024-\$ or US-6195679-\$ or US-6286046-\$ or US-5951643-\$).did.	USPAT	OR	OFF	2006/08/04 14:11
S44 9	17	S446 and automat\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 14:13

EAST Search History

S45 0	2	("5951643").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 14:12
S45 1	1	S450 and automat\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 14:13
S45 2	2	("6286046").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 14:13
S45 3	0	S452 and automat\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 14:14
S45 4	2	("6195679").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 14:13
S45 5	2	S454 and automat\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 14:35
S45 6	12	(xml near (stor\$3 or record\$3 or sav\$3) near (sequenc\$3 or step\$1 or command\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 14:36
S45 7	0	S456 and @ad<="19990101"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 14:37
S45 8	420	(xml near5 (stor\$3 or record\$3 or sav\$3) near5 (sequenc\$3 or step\$1 or command\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 14:37
S45 9	2	S458 and @ad<="19990101"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 14:38

EAST Search History

S46 0	1144	(xml with (stor\$3 or record\$3 or sav\$3) with (sequenc\$3 or step\$1 or command\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 14:38
S46 1	8	S460 and @ad<="19990101"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 14:41
S46 2	1536	(xml with (executable or sequenc\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 14:41
S46 3	7	S462 and @ad<="19990101"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 14:55
S46 4	2	("5809250").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 14:55
S46 5	2	S464 and manual\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 14:55
S46 6	8	(US-6418471-\$ or US-6189024-\$ or US-6195679-\$ or US-6286046-\$ or US-5951643-\$ or US-6288716-\$ or US-6360234-\$ or US-5809250-\$). did.	USPAT	OR	OFF	2006/08/04 15:22
S46 7	4	S466 and edit\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 14:58
S46 8	13630	(709/219,203,204,227).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 16:06
S46 9	4484	(715/532,500.1,513,526).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 16:06

EAST Search History

S47 0	474	(714/46).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 16:06
S47 1	6052	(707/10).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 16:07
S47 2	22988	S468 S469 S470 S471	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 16:07
S47 3	9742	S472 and @ad<="20000901"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 16:07
S47 4	3	US-CD11453-\$ DID. OR US-0292000-\$ DID. OR US-N06535909-\$ DID. OR US-N06286033-\$ DID. OR US-N06625808-\$ DID. OR US-N06182072-\$ DID. OR US-N06560641-\$ DID. OR US-N06182072-\$ DID. OR US-N06587969-\$ DID. OR US-N06490564-\$ DID. OR US-N06421673-\$ DID. OR US-6144375-\$ DID. OR US-N06587969-\$ DID. OR US-N06084582-\$ DID. OR US-N06008807-\$ DID. OR US-N06510461-\$ DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/30 11:26
S47 5	16	US-6535909-\$ DID. OR US-6286033-\$ DID. OR US-6625808-\$ DID. OR US-6182072-\$ DID. OR US-6560641-\$ DID. OR US-6587969-\$ DID. OR US-6490564-\$ DID. OR US-6144375-\$ DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/30 11:26
S47 6	6141	(record\$3 or playback\$1) near (web or www or html or session\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/27 10:22

EAST Search History

S47 7	1840	S476 and @ad<="19981208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/27 10:23
S47 8	2073	(record\$3 or playback\$1) near (web or www or html near3 (session\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/27 10:23
S47 9	801	S478 and @ad<="19981208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/27 10:23
S48 0	19	("5761436" "5809250" "5845290" "5951643" "5960429" "6035332" "6052730").PN. OR ("6418471").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/27 10:33
S48 1	2	("5951643").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/27 10:36
S48 2	26	US-6535909-\$ DID. OR US-6510461-\$ DID. OR US-6182072-\$ DID. OR US-6625808-\$ DID. OR US-6587969-\$ DID. OR US-6144375-\$ DID. OR US-6490564-\$ DID. OR US-6421673-\$ DID. OR US-6286033-\$ DID. OR US-6084582-\$ DID. OR US-6008807-\$ DID. OR US-6560641-\$ DID. OR US-5982370-\$ DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/27 10:38
S48 3	2	US-6535912-\$ DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/27 10:39
S48 4	6	US-6223215-\$ DID. OR US-6096096-\$ DID. OR US-6163779-\$ DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/27 10:39

EAST Search History

S48 5	2	"20040230647"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/27 10:40
S48 6	2	"20020186249"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/27 10:40
S48 7	2	"20040205176"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/27 10:40
S48 8	2	"20020083132"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/27 10:40
S48 9	2	"20010003828"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/27 10:41
S49 0	14	US-6752662-\$ DID. OR US-5717860-\$ DID. OR US-5809247-\$ DID. OR US-6615240-\$ DID. OR US-6421673-\$ DID. OR US-6182072-\$ DID. OR US-6009429-\$ DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/27 10:41
S49 1	2	"20020002571"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/27 10:42
S49 2	6	US-6088717-\$ DID. OR US-6199077-\$ DID. OR US-6237030-\$ DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/27 10:43
S49 3	14	US-5951643-\$ DID. OR US-6195679-\$ DID. OR US-6189024-\$ DID. OR US-6288716-\$ DID. OR US-6286046-\$ DID. OR US-6418471-\$ DID. OR US-6292186-\$ DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/27 10:43

EAST Search History

S49 4	58	S481 S482 S483 S484 S485 S486 S487 S488 S489 S490 S491	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/27 10:44
S49 5	29	S494 and ((record\$3 or sav\$3 or stor\$3 or logging) with (session\$1 or sequence\$1 or step\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/27 10:45
S49 6	29	S494 and ((record\$3 or sav\$3 or stor\$3 or logging or play\$3 or playback) with (session\$1 or sequence\$1 or step\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/27 10:45
S49 7	15	S496 and @ad<="19981208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/27 10:46
S49 8	1	S497 and (login\$1 or logon\$1 or (log\$4 adj2 (in\$1 or on\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/27 11:38
S49 9	2	US-6195679-\$ DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/27 11:38
S50 0	21383	(record\$3 or sav\$3 or stor\$3) with (web or www or (world adj wide adj web))	USPAT	OR	OFF	2006/12/29 14:00
S50 1	13957	S500 and @ad<="20000713"	USPAT	OR	OFF	2006/12/29 14:01
S50 2	1039	(record\$3 or sav\$3 or stor\$3) with (web or www or (world adj wide adj web)) with ((key adj (click\$3 or strok\$3) or interact\$4 or transact\$4))	USPAT	OR	OFF	2006/12/29 14:02
S50 3	557	S502 and @ad<="20000713"	USPAT	OR	OFF	2006/12/29 14:02
S50 4	1384	(record\$3 or sav\$3 or stor\$3) with (web or www or (world adj wide adj web)) with ((key adj (click\$3 or strok\$3) or session\$1 or interact\$4 or transact\$4))	USPAT	OR	OFF	2006/12/29 14:02
S50 5	775	S504 and @ad<="20000713"	USPAT	OR	OFF	2006/12/29 14:09

EAST Search History

S50 6	103	S505 and (log\$4 adj (in\$1 or on\$1 or off\$1))	USPAT	OR	OFF	2006/12/29 14:12
S50 7	9	S505 and (automatic\$6 with (log\$4 adj (in\$1 or on\$1 or off\$1)))	USPAT	OR	OFF	2006/12/29 14:08
S50 8	141	(record\$3 with (web or www) with session\$1)	USPAT	OR	OFF	2006/12/29 14:17
S50 9	83	S508 and @ad<="20000713"	USPAT	OR	OFF	2006/12/29 14:12
S51 0	3	S509 and macro\$1	USPAT	OR	OFF	2006/12/29 14:10
S51 1	1	S509 and macro\$1 and (password\$1)	USPAT	OR	OFF	2006/12/29 14:10
S51 2	78	(auto or automatic\$4) near (log\$4 adj (in\$1 or on\$1 or off\$1))	USPAT	OR	OFF	2006/12/29 14:13
S51 3	59	S512 and @ad<="20000713"	USPAT	OR	OFF	2006/12/29 14:13
S51 4	15	(auto or automatic\$4) near (log\$4 adj (in\$1 or on\$1))	USPAT	OR	OFF	2006/12/29 14:13
S51 5	13	S514 and @ad<="20000713"	USPAT	OR	OFF	2006/12/29 14:18
S51 6	0	S515 and yodlee.as.	USPAT	OR	OFF	2006/12/29 14:14
S51 7	13	S515 and (record\$3 or stor\$3 or sav\$3)	USPAT	OR	OFF	2006/12/29 14:16
S51 8	235	(record\$3 with (web or www) with (command\$3 or session\$1 or (log\$4 adj2 (in\$1 or on\$1))))	USPAT	OR	OFF	2006/12/29 14:20
S51 9	136	S518 and @ad<="20000713"	USPAT	OR	OFF	2006/12/29 14:20
S52 0	357	(record\$3 with (web or www) with (command\$3 or navigat\$5 or session\$1 or (log\$4 adj2 (in\$1 or on\$1))))	USPAT	OR	OFF	2006/12/29 14:21
S52 1	206	S520 and @ad<="20000713"	USPAT	OR	OFF	2006/12/29 14:21
S52 2	432	(record\$3 with (web or www) with (sequenc\$3 or command\$3 or navigat\$5 or session\$1 or (log\$4 adj2 (in\$1 or on\$1))))	USPAT	OR	OFF	2006/12/29 14:21
S52 3	255	S522 and @ad<="20000713"	USPAT	OR	OFF	2006/12/29 14:22
S52 4	437	(record\$3 with (web or www) with (macro\$1 or sequenc\$3 or command\$3 or navigat\$5 or session\$1 or (log\$4 adj2 (in\$1 or on\$1))))	USPAT	OR	OFF	2006/12/29 14:22

EAST Search History

S52 5	437	(record\$3 with (web or www or (world adj wide adj web)) with (macro\$1 or sequenc\$3 or command\$3 or navigat\$5 or session\$1 or (log\$4 adj2 (in\$1 or on\$1))))	USPAT	OR	OFF	2006/12/29 14:22
S52 6	259	S525 and @ad<="20000713"	USPAT	OR	OFF	2006/12/29 14:23
S52 7	199	S526 and ((internet adj explorer) or netscape or browser\$1)	USPAT	OR	OFF	2006/12/29 14:24

1/2/07 12:30

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10 results

[Search Scholar](#)with the **exact phrase**with **at least one** of the words

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without the words

where my words occur

anywhere in the article

Author Return articles written by

e.g., "PJ Hayes" or McCarthy

Publication Return articles published in

e.g., J Biol Chem or Nature

Date Return articles published between

[] — []

e.g., 1996

Subject Areas Return articles in all subject areas. Return only articles in the following subject areas:

- Biology, Life Sciences, and Environmental Science
- Business, Administration, Finance, and Economics
- Chemistry and Materials Science
- Engineering, Computer Science, and Mathematics
- Medicine, Pharmacology, and Veterinary Science
- Physics, Astronomy, and Planetary Science
- Social Sciences, Arts, and Humanities

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C Search the Web C Search English pages

Scholar All articles Recent articles Results 1 - 100 of about 303 English pages for web navigation interac

All Results

L Catledge

J Pitkow

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G Booch

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P Dimaggio - Annual Review of Sociology, 1997 - questia.com
... viewed culture as a "seamless **web**" (Swidler 1997 ... enters into everyday life through
the **interaction** of environmental cues ... At the **macro** level, the challenge is to ...
Cited by 226 - Related Articles - Web Search - BL Direct

A Principled Taxonomy of Software Visualization - group of 13 »

BA Price, R Baecker, IS Small - Journal of Visual Languages and Computing, 1993 -
mcs.vuw.ac.nz
... cinematography with modern human-computer **interaction** technology to ... Knuth's (1984)
WEB system is similar ... is provided with rudimentary **navigation** controls for ...
Cited by 248 - Related Articles - View as HTML - Web Search - BL Direct

Glom: Information Agglomerates-an Organic Representation for Quantitative Information

MR Grenby - 1998 - acg.media.mit.edu
... BLITZ receives peer acclaim on the **web**: "new" and ... aligned to the ancient
discipline. We are concerned with issues of lighting, space, form and **navigation**. ...
View as HTML - Web Search - Library Search

Teaching in Subject Matter Areas: Science. - group of 3 »

J Sandoval - Annual Review of Psychology, 1995 - questia.com
... was superior to the **web** configuration (ie ... Teacher-pupil **interactions** in science
lessons:
explorations and theory ... of "seductive details" on **macro** processing and ...
Cited by 11 - Related Articles - Web Search - BL Direct

An Industrial Process View of Information Delivery to Support Clinical Decision Making - group of 5 »

RB Elson, JG Faughnan, DP Connelly - Journal of the American Medical Informatics Association, 1997 - j-amia.org
... of technological advances related to **Web** clients and ... While mastery of medical **record navigation** is an ... drug dosing, drug-drug **interactions**, patient medication ...
Cited by 39 - Related Articles - Web Search - BL Direct

Augmenting Organizational Memory: A Field Study of Answer Garden - group of 14 »

MS ACKERMAN - ACM Transactions on Information Systems, 1998 - portal.acm.org
... Schein 1978], each information seeking **interaction** is a ... exist in Lotus Notes and
the World Wide **Web**. ... AGS attempts to provide uniform display and **navigation**. ...

[Cited by 281](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#) - [BL Direct](#)

[book] Information Technology for Knowledge Management - group of 9 »

UM Borghoff, R Pareschi, DK Holtshouse - 1998 - books.google.com

... knowledge 2. Knowledge cartography: knowledge **navigation**, mapping, and ... particular, it supports the **interaction** between the ... the form of a Web-accessible online ...

[Cited by 211](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)

[ps] The evolving tecfamoo book-part ii: technical manua

DK Schneider, R Godard, TM Drozdowski, G Glusman, ... - 1996 - tecfa.unige.ch

... E **WEB** is a httpd server running in the ... Eg just for communication & **navigation**, building or even ... include regexp hilites and gags, auto-login,macros, line editing ...

[Cited by 1](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

Industrial Hypermedia Design. - group of 3 »

GB Wills, RM Crowder, I Heath, W Hall - 1998 - eprints.ecs.soton.ac.uk

... are part of the subject of Human Computer **Interaction** (HCI), Wills ... systems, for example

a set of **web** documents. ... authoring will enable ease of **navigation** as the ...

[Cited by 1](#) - [Related Articles](#) - [Cached](#) - [Web Search](#)

Graphical Argumentation and Design Cognition - group of 2 »

A MacLean, VME Bellotti, NV Hammond - HUMAN-COMPUTER INTERACTION, 1997 - Lawrence Earlbaum

... As **Web** user interfaces approach the quality of ... necessarily craft skill of designing artifacts for human **interaction**. ... **record** of rationale as a reusable resource ...

[Related Articles](#) - [Web Search](#)

A Survey of Microcomputer Survival Analysis Software: The Need for an Integrated Framework. - group of 7 »

FE Harrell Jr, R Goldstein - The American Statistician, 1997 - questia.com

... asked questions) at their World Wide **Web** site ([http ...](http://) save their results into specialized **macros** that can be ... generate dummy variables and **interaction** terms) and a ...

[Cited by 3](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

The Demographic Metabolism of Organizations: Industry Dynamics, Turnover, and Tenure Distributions.

HA Haveman - Administrative Science Quarterly, 1995 - questia.com

... are best studied from a **macro** perspective, using ... dynamics over the year, their **interactions** with organizational ... time series, I inserted a blank **record** at the ...

[Cited by 34](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Factors Contributing to Inshopping Behavior in Rural Trade Areas: Implications for Local Retailers.

NJ Miller, RC Kean - Journal of Small Business Management, 1997 - questia.com

... On a **macro** level, small retail businesses are a ... would be involved in these **interactions** as community ... communications such as World Wide **Web** "sites." Findings ...

[Cited by 14](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

What's Love Got to Do with It?: Economic Viability and the Likelihood of Marriage among African ...

AD James - Journal of Comparative Family Studies, 1998 - questia.com

... ratios on marriage in cities, Cox (1940) hypothesized an **interaction** between "the ... markets as proxied by SMSAs were used as the **macro** component of ... Du Bois, **WEB**. ...

[Cited by 2](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Domain-Retargetable Reverse Engineering - group of 10 »

SR Tilley - 1995 - rigi.cs.uvic.ca

... 91 4.4.4.3 Information **navigation**, analysis, and presentation ... 59 3.9 Web traversal widget ... then studying the **interactions** of those components has been used ...

Cited by 68 - Related Articles - [View as HTML](#) - [Web Search](#) - [Library Search](#)

The Mandate Is Still Being Honored: In Defense of Weber's Disciples. - group of 3 »

WR Scott - Administrative Science Quarterly, 1996 - questia.com

... The **interaction** of corporate activity and global ... There is a seamless web of macro ... Rather, contemporary **macro**-sociological and comparative scholarship is much ...

Cited by 9 - Related Articles - [Web Search](#) - [BL Direct](#)

An Integrated Remote Neurosurgical System - group of 5 »

BS Graves, J Tullio, M Shi, JH Downs III - Proceedings of the First Joint Conference on Computer Vision ..., 1997 - cs.cmu.edu

... of the IRNS is the Remote Planning and **Navigation** Workstation ... be combined with another

tool to allow two- handed **interaction** that has ... 5. MBone Information **Web** ...

Cited by 2 - Related Articles - [View as HTML](#) - [Web Search](#)

Decision-driven maintenance - group of 4 »

F Lanubile, G Visaggio - Journal of Software Maintenance: Research and Practice, 1995 - di.uniba.it

... decision **web**. Section 4 describes the TSS and section 5 shows its use. ... The **interaction**

layer provides a user ... **navigation** and windowing capabilities ...

Cited by 8 - Related Articles - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

Display formatting techniques for improving situation awareness in the aircraft cockpit - group of 3 »

A ANDRE, C WICKENS, L MOORMAN, M BOSCHELLI - International Journal of Aviation Psychology, 1991 - Lawrence Earlbaum

... pip , Aviation **Web** Laboratory, Savoy, IL 61874 ... successfully to the design of aircraft **navigation** maps ... **interaction** was also observed, indicating that the presence ...

Cited by 33 - Related Articles - [Web Search](#)

[book] A Federal Standard on Electronic Media - group of 3 »

W Ingram, E Gray - 1998 - its.blrdrdoc.gov

... The "hit counter" (ie, the **record** of how many ... to the hypertext version as is available on the **Web**. ... the same advantages of nonlinear **navigation**, viz., rapid ...

Cited by 2 - Related Articles - [View as HTML](#) - [Web Search](#) - [Library Search](#)

Technical Report - group of 3 »

LD Brown - Science and Engineering Research Council, 1993 - cl.cam.ac.uk

... format) instead of using the standard system calls, and **interactions** can thus be ...

Zajicek's work involves a **Web** browser that provides **navigation** aids for ...

Cited by 2 - Related Articles - [View as HTML](#) - [Web Search](#)

Virtual reality - group of 2 »

RM Satava, SB Jones - Cybersurgery, advanced technologies for surgical practice. ..., 1998 - neurovr.org

... intraoperative stereotactic **navigation** as is performed at the ... addition to increasing visual fidelity and tissue **interaction** ... combination of CD-ROM and **web-based** ...

Cited by 5 - Related Articles - [View as HTML](#) - [Web Search](#)

The microcosm link service - group of 7 »

W Hall, G Hill, H Davis - Proceedings of the fifth ACM conference on Hypertext, 1993 - portal.acm.org

... **interactions** with applications generate hypertext actions, messages are sent to the DCS ... An example is the incorporation of **navigation** tools as ... World Wide Web. ...
Cited by 14 - Related Articles - Web Search

Amalthaea: Information Filtering and Discovery Using A Multiagent Evolving System - group of 9 »

AG Moukas - 1997 - media.mit.edu

... continuously changing (as in the case of the World Wide Web.) As it ... We are witnessing a paradigm shift in human-computer **interaction** from "direct manipulation" ...
Cited by 9 - Related Articles - View as HTML - Web Search - Library Search

A Blackwater Perspective on Riverine Ecosystems - group of 3 »

JL Meyer - BioScience, 1990 - JSTOR

... blackwater streams and rivers to facilitate river **navigation**. ... The ocean's food **web**, a changing paradigm. ... 84 in SR Carpenter, ed. Complex **Interactions** in Lake ...
Cited by 34 - Related Articles - Web Search

Image-Browser Taxonomy and Guidelines for Designers - group of 2 »

B SPECIFICATION - Image, 1995 - doi.ieeecs.org

... of Innovation in Human-Computer **Interaction** (Ablex, 1993). ... the invention of better 3D **navigation** and exploration ... about the IEEE Computer Society's **Web** site to ...
Related Articles - Web Search

[book] Endangered Languages: Language Loss and Community Response - group of 2 »

LA Grenoble, LJ Whaley - 1998 - books.google.com

... Do linguists simply **record** languages while they are still in use, or should ... of keen interest for anyone concerned with the nature of social **interaction** in the ...
Cited by 43 - Related Articles - Web Search - Library Search

The Locales Framework: Understanding and Designing for Cooperative Work - group of 8 »

GA Fitzpatrick - 1998 - dstc.edu.au

... of this thesis is to present the Locales Framework and its five aspects of locale foundations, civic structures, individual view, **interaction** trajectory, and ...
Cited by 30 - Related Articles - View as HTML - Web Search - Library Search

An interactive multimedia learning module for manufacturing scheduling

F BiCesare, R Graves, M Gile - Emerging Technologies and Factory Automation, 1996. EFTA'96. ..., 1996 - ieeexplore.ieee.org

... by CD-ROM or over the World Wide Web. ... are excellent tools for creating simple user **interaction**, but because ... as two concentric circles are actually macro- places ...
Cited by 1 - Related Articles - Web Search

Politics, Political Leadership, and Public Management. - group of 2 »

BJ Cook - Public Administration Review, 1998 - questia.com

... Can public managers hold onto a **macro-level** concern ... to increase day-to-day **interactions**

of people ... futures" (3), while operating in a **web** of interrelationships ...
Cited by 13 - Related Articles - Web Search - BL Direct

UniServe• Science News - group of 2 »

US Sites - Science, 1996 - science.uniserve.edu.au

... A handbook with instructions and background notes on each **interaction** is included ...
for Biochemistry education, communication and research on the World Wide **Web**. ...
Related Articles - [View as HTML](#) - [Web Search](#)

Phillip Rodrigo Tiongson - group of 3 »

PR Tiongson - 1998 - ic.media.mit.edu

... happens to increase the frame rate, or send email to **Macro**- media ... that sought
to **record** and cross-reference all human literature. ...

Related Articles - [View as HTML](#) - [Web Search](#)

BIOINFORMATICS REVIEW - group of 4 »

D Frishman, K Heumann, A Lesk, HW Mewes - BIOINFORMATICS, 1998 - biosino.org

... This **interaction** may involve checking procedures and/or ... for running in-house
bioinformatics **Web** sites. ... from the quaternary complex on the **macro** level, through ...

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Relevance scale

1 [Information gathering in the World-Wide Web: the W3QL query language and the W3QS system](#)



David Konopnicki, Oded Shmueli

December 1998 **ACM Transactions on Database Systems (TODS)**, Volume 23 Issue 4

Publisher: ACM Press

Full text available: [pdf\(1.36 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The World Wide Web (WWW) is a fast growing global information resource. It contains an enormous amount of information and provides access to a variety of services. Since there is no central control and very few standards of information organization or service offering, searching for information and services is a widely recognized problem. To some degree this problem is solved by "search services," also known as "indexers," such as Lycos, AltaVista, Yahoo, and others. ...

Keywords: CGI, FORMS, HTML, HTTP, PERL, World-Wide Web, query language, query system

2 [SuperBook: an automatic tool for information exploration—hypertext?](#)



Joel R. Remde, Louis M. Gomez, Thomas K. Landauer

November 1987 **Proceeding of the ACM conference on Hypertext**

Publisher: ACM Press

Full text available: [pdf\(1.00 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The goals and methods of the text browser, SuperBook, are compared with those of hypertext systems in general. SuperBook, intended to provide improved access to text existing in electronic form, employs cognitive tools arising from human computer interaction research, such as full-text indexing, adaptive aliasing, and dynamic views of hierarchical information. Superbook automatically preprocesses on-line text written for paper publication, and produces a multi-window display, includ ...

3 [Pen computing: a technology overview and a vision](#)



André Meyer

July 1995 **ACM SIGCHI Bulletin**, Volume 27 Issue 3

Publisher: ACM Press

Full text available:  pdf(5.14 MB)

Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

This work gives an overview of a new technology that is attracting growing interest in public as well as in the computer industry itself. The visible difference from other technologies is in the use of a pen or pencil as the primary means of interaction between a user and a machine, picking up the familiar pen and paper interface metaphor. From this follows a set of consequences that will be analyzed and put into context with other emerging technologies and visions. Starting with a short historic ...

4 Fast detection of communication patterns in distributed executions 

Thomas Kunz, Michiel F. H. Seuren

November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**

Publisher: IBM Press

Full text available:  pdf(4.21 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

5 Creating an interactive tutorial for a web-based product 

 Samantha Shurety

September 1998 **Proceedings of the 16th annual international conference on Computer documentation**

Publisher: ACM Press

Full text available:  pdf(570.60 KB)

Additional Information: [full citation](#), [references](#), [index terms](#)

Keywords: e-commerce, hands-on, interactive, navigation, tutorial

6 50 years after "As we may think": the Brown/MIT Vannevar Bush symposium 

 Rosemary Simpson, Allen Renear, Elli Mylonas, Andries van Dam

March 1996 **interactions**, Volume 3 Issue 2

Publisher: ACM Press

Full text available:  pdf(1.18 MB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

7 Using Web server logs to improve site design 

 M. Carl Drott

September 1998 **Proceedings of the 16th annual international conference on Computer documentation**

Publisher: ACM Press

Full text available:  pdf(876.19 KB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

8 Accessing relational databases from the World Wide Web 

 Tam Nguyen, V. Srinivasan

June 1996 **ACM SIGMOD Record , Proceedings of the 1996 ACM SIGMOD international conference on Management of data SIGMOD '96**, Volume 25 Issue 2

Publisher: ACM Press

Full text available: [pdf\(1.45 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

With the growing popularity of the internet and the World Wide Web (Web), there is a fast growing demand for access to database management systems (DBMS) from the Web. We describe here techniques that we invented to bridge the gap between HTML, the standard markup language of the Web, and SQL, the standard query language used to access relational DBMS. We propose a flexible general purpose variable substitution mechanism that provides cross-language variable substitution between HTML input and S ...

9 Hypertext II

 Jakob Nielsen

October 1989 **ACM SIGCHI Bulletin**, Volume 21 Issue 2

Publisher: ACM Press

Full text available: [pdf\(804.97 KB\)](#) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

Hypertext II was the major conference in Europe this year in the hypertext field and attracted 200 participants. Actually it had "attracted" many more who were just not there but had been turned away because the organizers had committed the same mistake as the planners of the Hypertext'87 conference in North Carolina and placed the conference in a location which would only hold 200 people. Their original assumption was that a hypertext conference in the UK might attract 100 participants, but tha ...

10 Referential integrity of links in open hypermedia systems

 Hugh C. Davis

May 1998 **Proceedings of the ninth ACM conference on Hypertext and hypermedia : links, objects, time and space---structure in hypermedia systems: links, objects, time and space---structure in hypermedia systems**

Publisher: ACM Press

Full text available: [pdf\(1.30 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

11 Pushing reuse in hypermedia design: golden rules, design patterns and constructive templates

 Marc Nanard, Jocelyne Nanard, Paul Kahn

May 1998 **Proceedings of the ninth ACM conference on Hypertext and hypermedia : links, objects, time and space---structure in hypermedia systems: links, objects, time and space---structure in hypermedia systems**

Publisher: ACM Press

Full text available: [pdf\(1.48 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

12 The structure of hypertext activity

 Jim Rosenberg

March 1996 **Proceedings of the the seventh ACM conference on Hypertext**

Publisher: ACM Press

Full text available: [pdf\(1.11 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Keywords: acteme, contour, emergent structure, episode, gathering, hypertext, rhetoric, session

13 Hypermedia topologies and user navigation

 H. Van Dyke Parunak

November 1989 **Proceedings of the second annual ACM conference on Hypertext**

Publisher: ACM Press

Full text available: .pdf(599.50 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

One of the major problems confronting users of large hypermedia systems is that of navigation: knowing where one is, where one wants to go, and how to get there from here. This paper contributes to this problem in three steps. First, it articulates a number of navigational strategies that people use in physical (geographical) navigation. Second, it correlates these with various graph topologies, showing how and why appropriately restricting the connectivity of a hyperbase can improve the ab ...

14 ABSTRACTS OF INTEREST

 Susanne M. Humphrey, Ben Shneiderman

January 1990 **ACM SIGCHI Bulletin**, Volume 21 Issue 3

Publisher: ACM Press

Full text available: .pdf(1.81 MB) Additional Information: [full citation](#), [abstract](#)

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15 Developing a hypertext help system: a cooperative effort between a software

 developer and a technical writer

Phil Herold, Carla Merrill

October 1994 **Proceedings of the 12th annual international conference on Systems documentation: technical communications at the great divide**

Publisher: ACM Press

Full text available: .pdf(1.31 MB) Additional Information: [full citation](#), [index terms](#)

16 A tool for content based navigation of music

 Steven Blackburn, David DeRoure

September 1998 **Proceedings of the sixth ACM international conference on Multimedia**

Publisher: ACM Press

Full text available: .pdf(892.75 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Keywords: branching audio, content based navigation, melodic contours, open hypermedia, pitch contours, query by humming

17 Towards an integrated information environment with open hypermedia systems

 Hugh Davis, Wendy Hall, Ian Heath, Gary Hill, Rob Wilkins

December 1993 **Proceedings of the ACM conference on Hypertext**

Publisher: ACM Press

Full text available: .pdf(966.20 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Keywords: Microcosm, hypermedia, integration, open

18 [Direct manipulation vs. interface agents](#)

 Ben Shneiderman, Pattie Maes
November 1997 **interactions**, Volume 4 Issue 6

Publisher: ACM Press

Full text available:  pdf(4.00 MB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#), [review](#)



19 [Intermedia: A case study of the differences between relational and object-oriented](#)

 database systems

Karen E. Smith, Stanley B. Zdonik

December 1987 **ACM SIGPLAN Notices , Conference proceedings on Object-oriented programming systems, languages and applications OOPSLA '87**, Volume 22 Issue 12

Publisher: ACM Press

Full text available:  pdf(1.57 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)



This paper compares two approaches to meeting the data handling requirements of Intermedia, a hypermedia system developed at the Institute for Research in Information and Scholarship at Brown University. Intermedia, though written using an object-oriented programming language, relies on a traditional relational database management system for data storage and retrieval. We examine the ramifications of replacing the relational database with an object-oriented database. We begin by des ...

20 [Intermedia: The architecture and construction of an object-oriented hypemedia](#)

 system and applications framework

Norman Meyrowitz

June 1986 **ACM SIGPLAN Notices , Conference proceedings on Object-oriented programming systems, languages and applications OOPSLA '86**, Volume 21 Issue 11

Publisher: ACM Press

Full text available:  pdf(1.96 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)



This article presents a case study of the development of the Intermedia system, a large, object-oriented hypermedia system and associated applications development framework providing sophisticated document linkages. First it presents the educational and technological objectives underlying the project. Subsequent sections capture the process of developing the Intermedia product and detail its architecture and construction, concentrating on the areas in which object-oriented technology has ha ...

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Relevance scale 

21 [Chimera: hypertext for heterogeneous software environments](#) 

 Kenneth M. Anderson, Richard N. Taylor, E. James Whitehead

September 1994 **Proceedings of the 1994 ACM European conference on Hypermedia technology**

Publisher: ACM Press

Full text available:  [pdf\(1.57 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Emerging software development environments are characterized by heterogeneity: they are composed of diverse object stores, user interfaces, and tools. This paper presents an approach for providing hypertext services in this heterogeneous setting. Central notions of the approach include the following. Anchors are established with respect to interactive views of objects, rather than the objects themselves. Composable, n-ary links can be established between an ...

22 [Multi-level user support through adaptive hypermedia: a highly application-](#) 

 [independent help component](#)

L. Miguel Encarnaçāo

January 1997 **Proceedings of the 2nd international conference on Intelligent user interfaces**

Publisher: ACM Press

Full text available:  [pdf\(1.01 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Keywords: adaptive hypermedia help systems, development framework, distributed hypermedia help, graphical user interfaces, help agent, medical and CAD applications, multi-level user support, navigation support, user modeling, user-controlled help adaptation

23 [Light hypermedia link services: a study of third party application integration](#) 

 Hugh C. Davis, Simon Knight, Wendy Hall

September 1994 **Proceedings of the 1994 ACM European conference on Hypermedia technology**

Publisher: ACM Press

Full text available: [pdf\(1.11 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Recently there has been a tendency for the research community to move away from closed hypermedia systems, towards open hypermedia link services which allow third parties to produce applications so that they are hypertext-enabled. This paper explores the frontiers of this trend by examining the minimum responsibility of an application to co-operate with the underlying link service, and, in the limiting case where the application has not been enabled in any way, it explores the properties a ...

Keywords: Microcosm, hypermedia link services, integration, open hypermedia

24 EWHCI'94: the fourth east-west international conference on human-computer interaction

Blaine Price, Brad Blumenthal, Laura Leventhal
January 1995 **ACM SIGCHI Bulletin**, Volume 27 Issue 1

Publisher: ACM Press

Full text available: [pdf\(785.73 KB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

The fourth annual East-West Human Computer Interaction conference was quite a surprise, at least for veterans of the earlier EWHCI conferences. The first author attended the first conference (which was held in Moscow the week before the coup which saw the break-up of the old USSR) and served as logistics chair for the second conference (also held in St. Petersburg) and he found this most recent conference showed unbelievable improvements in the overall organization, location, and technical quali ...

25 A critical assessment of hypertext systems

G. Fischer, S. Weyer, W. P. Jones, A. C. Kay, W. Kintsch
May 1988 **Proceedings of the SIGCHI conference on Human factors in computing systems**

Publisher: ACM Press

Full text available: [pdf\(610.21 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Over forty years ago, Vannevar Bush articulated his vision of a "Memex" machine: "associative indexing, ... whereby any item may be caused at will to select immediately and automatically another" [Bush 45]. In the sixties, Engelbart [Engelbart, English 68] built collaborative systems to provide idea structuring and sharing. Nelson [Nelson 81] coined "hypertext" and proposed world-wide networks for publishing, linking, annotating and ...

26 The Pan language-based editing system

Robert A. Ballance, Susan L. Graham, Michael L. Van De Vanter
January 1992 **ACM Transactions on Software Engineering and Methodology (TOSEM)**,
Volume 1 Issue 1

Publisher: ACM Press

Full text available: [pdf\(2.43 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Powerful editing systems for developing complex software documents are difficult to engineer. Besides requiring efficient incremental algorithms and complex data structures, such editors must accommodate flexible editing styles, provide a consistent, coherent, and powerful user interface, support individual variations and projectwide configurations, maintain a sharable database of information concerning the documents being edited, and integrate smoothly with the other tools in the environment ...

Keywords: Ladle, Pan, coherent user interfaces, colander, contextual constraint,

extension facilities, grammatical abstraction, interactive programming environment, logic programming, logical constraint grammar, reason maintenance, syntax-recognizing editor, tolerance for errors and anomalies

27 Don't link me in: set based hypermedia for taxonomic reasoning

 H. Van Dyke Parunak

September 1991 **Proceedings of the third annual ACM conference on Hypertext**

Publisher: ACM Press

Full text available:  pdf(716.89 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



28 An object-oriented scripting environment for the WEBSs electronic book system

 J. Monnard, J. Pasquier Boltuck

December 1993 **Proceedings of the ACM conference on Hypertext**

Publisher: ACM Press

Full text available:  pdf(892.39 KB) Additional Information: [full citation](#), [references](#), [index terms](#)



29 SorTables: a browser for a digital library

 William C. Wake, Edward A. Fox

December 1995 **Proceedings of the fourth international conference on Information and knowledge management**

Publisher: ACM Press

Full text available:  pdf(769.53 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



30 Augmenting organizational memory: a field study of answer garden

 Mark S. Ackerman

July 1998 **ACM Transactions on Information Systems (TOIS)**, Volume 16 Issue 3

Publisher: ACM Press

Full text available:  pdf(885.89 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)



A growing concern for organizations and groups has been to augment their knowledge and expertise. One such augmentation is to provide an organizational memory, some record of the organization's knowledge. However, relatively little is known about how computer systems might enhance organizational, group, or community memory. This article presents Answer Garden, a system for growing organizational memory. The article describes the system and its underlying implementation. It then presents fin ...

Keywords: CSCW, collective memory, community memory, computer-supported cooperative work, field studies, group memory, organizational memory

31 gIBIS: a hypertext tool for team design deliberation

 Jeff Conklin, Michael L. Begeman

November 1987 **Proceeding of the ACM conference on Hypertext**

Publisher: ACM Press

Full text available:  pdf(440.89 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)



This paper introduces an application-specific hypertext system designed to facilitate the

capture of early design deliberations, which implements a specific design method called Issue Based Information Systems (IBIS). The hypertext system described here, gIBIS(for graphical IBIS), makes use of color and a high speed relational database server to facilitate building and browsing typed IBIS networks. Further, gIBIS is designed to support the collaborative construction of these networks by any ...

32 MedSpeak: report creation with continuous speech recognition

 Jennifer Lai, John Vergo

 March 1997 **Proceedings of the SIGCHI conference on Human factors in computing systems**

Publisher: ACM Press

Full text available: .pdf(1.16 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



Keywords: continuous speech recognition, dictation, navigation, radiology, speech interface design

33 Illustrative risks to the public in the use of computer systems and related technology

 Peter G. Neumann

 January 1996 **ACM SIGSOFT Software Engineering Notes**, Volume 21 Issue 1

Publisher: ACM Press

Full text available: .pdf(2.54 MB) Additional Information: [full citation](#)



34 INFO: a simple document annotation facility

 Scott Tilley, Hausi Müller

 October 1991 **Proceedings of the 9th annual international conference on Systems documentation**

Publisher: ACM Press

Full text available: .pdf(619.22 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



35 The microcosm link service

 Wendy Hall, Gary Hill, Hugh Davis

 December 1993 **Proceedings of the fifth ACM conference on Hypertext**

Publisher: ACM Press

Full text available: .pdf(339.12 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



Keywords: integrated, link service, open

36 Spatial and temporal content-based access to hypervideo databases

Haitao Jiang, Ahmed K. Elmagarmid

December 1998 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 7 Issue 4

Publisher: Springer-Verlag New York, Inc.

Full text available: .pdf(241.17 KB) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)



Providing content-based video query, retrieval and browsing is the most important goal of a video database management system (VDBMS). Video data is unique not only in terms of its spatial and temporal characteristics, but also in the semantic associations manifested

by the entities present in the video. This paper introduces a novel video data model called *Logical Hypervideo Data Model*. In addition to multilevel video abstractions, the model is capable of representing video entities that ...

Keywords: Content-based query, Hot object, Hypervideo, Spatial and temporal constraint, Video database

37 Engineering flexible World Wide Web services

 Markus W. Schranz

February 1998 **Proceedings of the 1998 ACM symposium on Applied Computing**

Publisher: ACM Press

Full text available:  pdf(709.22 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



Keywords: WWW service engineering, Web service management, flexible Web services

38 Generating Web-based presentations in spatial hypertext

 Frank M. Shipman, Richard Furuta, Catherine C. Marshall

January 1997 **Proceedings of the 2nd international conference on Intelligent user interfaces**

Publisher: ACM Press

Full text available:  pdf(1.95 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



Keywords: VIKI, Walden's paths, World-Wide Web, analysis tools, implicit structure, presentation authoring, presentation models, spatial hypertext, spatial parsing

39 Web style guides: who, what, where

 Kenneth R. Ohnemus

October 1997 **Proceedings of the 15th annual international conference on Computer documentation**

Publisher: ACM Press

Full text available:  pdf(989.98 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



Keywords: World Wide Web, human computer interaction, style guide

40 Virtual body language: providing appropriate user interfaces in collaborative virtual environments

 Jolanda Tromp, Dave Snowdon

September 1997 **Proceedings of the ACM symposium on Virtual reality software and technology**

Publisher: ACM Press

Full text available:  pdf(1.11 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



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Result page: [previous](#) [1](#) [2](#) **3** [4](#) [5](#) [next](#)Relevance scale **41** [The "growing up" of HyperBraille—an office workspace for blind people](#)  Thomas Kieninger November 1996 **Proceedings of the 9th annual ACM symposium on User interface software and technology**

Publisher: ACM Press

Full text available:  [pdf\(840.13 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)**Keywords:** HTML editor, World Wide Web, blindness, document analysis, hypertext, pattern matcher**42** [Hyperdocuments as automata: verification of trace-based browsing properties by model checking](#)  P. David Stotts, Richard Furuta, Cyrano Ruiz CabarrusJanuary 1998 **ACM Transactions on Information Systems (TOIS)**, Volume 16 Issue 1

Publisher: ACM Press

Full text available:  [pdf\(474.20 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

We present a view of hyperdocuments in which each document encodes its own browsing semantics in its links. This requires a mental shift in how a hyperdocument is thought of abstractly. Instead of treating the links of a document as defining a static directed graph, they are thought of as defining an abstract program, termed the links-automaton of the document. A branching temporal logic notation, termed HTL*, is introduced for specifying properties a document should exhibit ...

Keywords: Petri nets, browsing semantics, hypermedia, hypertext, model checking, temporal logic**43** [Another dimension to hypermedia access](#)  Satoshi Ichimura, Yutaka MatsushitaDecember 1993 **Proceedings of the fifth ACM conference on Hypertext**

Publisher: ACM Press

Full text available: [pdf\(991.55 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Keywords: ISM-CSA, book metaphor, hypermedia, information retrieval

44 Digital smart kiosk project

 Andrew D. Christian, Brian L. Avery

January 1998 **Proceedings of the SIGCHI conference on Human factors in computing systems**

Publisher: ACM Press/Addison-Wesley Publishing Co.

Full text available: [pdf\(1.03 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



Keywords: information display, machine vision, public kiosk, talking emotive avatar, user interface design

45 What's Eliza doing in the Chinese room? Incoherent hyperdocuments—and how to avoid them

 Manfred Thüring, Jörg M. Haake, Jörg Hannemann

September 1991 **Proceedings of the third annual ACM conference on Hypertext**

Publisher: ACM Press

Full text available: [pdf\(1.37 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



46 An examination of software engineering work practices

Janice Singer, Timothy Lethbridge, Norman Vinson, Nicolas Anquetil

November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**

Publisher: IBM Press

Full text available: [pdf\(187.81 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)



This paper presents work practice data of the daily activities of software engineers. Four separate studies are presented; one looking longitudinally at an individual SE; two looking at a software engineering group; and one looking at company-wide tool usage statistics. We also discuss the advantages in considering work practices in designing tools for software engineers, and include some requirements for a tool we have developed as a result of our studies.

47 Design strategies for scenario-based hypermedia: description of its structure,

 dynamics, and style

Ryuichi Ogawa, Eiichiro Tanaka, Daigo Taguchi, Komei Harada

December 1993 **Proceedings of the ACM conference on Hypertext**

Publisher: ACM Press

Full text available: [pdf\(955.07 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



48 Is the Web really different from everything else?

 Ben Shneiderman, Jakob Nielsen, Scott Butler, Michael Levi, Frederick Conrad

April 1998 **CHI 98 conference summary on Human factors in computing systems**



Publisher: ACM Press

Full text available: [pdf\(259.23 KB\)](#) Additional Information: [full citation](#), [index terms](#)

Keywords: World Wide Web, design, user experience

49 [Designing interactive multimedia \(panel\)](#)

 Lori L. Scarlatos, Rudolph P. Darken, Komei Harada, Carrie Heeter, Richard Muller, Ben Shneiderman

November 1997 **Proceedings of the fifth ACM international conference on Multimedia**

Publisher: ACM Press

Full text available: [pdf\(684.10 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



50 [Text-hypertext mutual conversion and hypertext interchange through SGML](#)

 Min Zheng, Roy Rada

December 1993 **Proceedings of the second international conference on Information and knowledge management**

Publisher: ACM Press

Full text available: [pdf\(958.14 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)



51 [Haptic virtual reality for blind computer users](#)

 Chetz Colwell, Helen Petrie, Diana Kornbrot, Andrew Hardwick, Stephen Furner

January 1998 **Proceedings of the third international ACM conference on Assistive technologies**

Publisher: ACM Press

Full text available: [txt\(36.40 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



Keywords: World Wide Web, blind users, haptic device, perception of virtual textures and objects, virtual environments

52 [Adaptive information agents in distributed textual environments](#)

 Filippo Menczer, Richard K. Belew

May 1998 **Proceedings of the second international conference on Autonomous agents**

Publisher: ACM Press

Full text available: [pdf\(1.13 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



53 [A hypertext writing environment and its cognitive basis \(panel session\)](#)

 John B. Smith, Stephen F. Weiss, Gordon J. Ferguson

November 1987 **Proceeding of the ACM conference on Hypertext**

Publisher: ACM Press

Full text available: [pdf\(1.35 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)



WE is a hypertext writing environment that can be used to create both electronic and printed documents. It is intended for professionals who work within a computer network

of professional workstations. Since writing is a complex mental activity that uses many different kinds of thinking, WE was designed in accord with an explicit cognitive model for writing. That model raises several important questions for both electronic and printed documents. The paper includes a discussion of th ...

54 Supporting cooperative and personal surfing with a desktop assistant 

 Hannes Marais, Krishna Bharat

October 1997 **Proceedings of the 10th annual ACM symposium on User interface software and technology**

Publisher: ACM Press

Full text available:  pdf(1.37 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Keywords: WWW, annotation, asynchronous, barcodes, bookmarks, browser, browserware, collaboration, community knowledge, desktop assistant, indexing

55 The virtual reality modeling language and Java 

 Don Brutzman

June 1998 **Communications of the ACM**, Volume 41 Issue 6

Publisher: ACM Press

Full text available:  pdf(763.87 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

56 WebAda 

 D. Douglas Smith

May 1997 **ACM SIGAda Ada Letters**, Volume XVII Issue 3

Publisher: ACM Press

Full text available:  pdf(345.70 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

The Ada community has used the power of the Internet to distribute computer resources and information; and most recently the **World Wide Web** (WWW) makes it easier to find those resources. Now, a tool called WebAda uses the Internet and the WWW to provide an interactive capability! [For the rest of this paper, I will use the term Internet to include the World Wide Web.] WebAda is an Ada development environment accessed via the World Wide Web. You don't download the compiler or any other soft ...

57 Programming pearls: a literate program 

 Jon Bentley, Don Knuth, Doug McIlroy

June 1986 **Communications of the ACM**, Volume 29 Issue 6

Publisher: ACM Press

Full text available:  pdf(1.30 MB) Additional Information: [full citation](#), [citations](#), [index terms](#)

58 AGS: introducing agents as services provided by digital libraries 

 J. Alfredo Sánchez, John J. Leggett, John L. Schnase

July 1997 **Proceedings of the second ACM international conference on Digital libraries**

Publisher: ACM Press

Full text available:  pdf(1.23 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Keywords: AGS, TAGS, digital library architectures, digital library interfaces, interface agents, open architectures, user agents

59 An SGML-based programming environment for literate programming 

Daniel Morales-Germán

October 1994 **Proceedings of the 1994 conference of the Centre for Advanced Studies on Collaborative research**

Publisher: IBM Press

Full text available: .pdf(141.63 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Literate Programming is a documentation method that attempts to maintain consistency among the various design and program documents of a software system. Unfortunately the majority of the literate programming tools do not have appropriate user interfaces and require the users to learn complicated and cryptic tagging languages. SGML is a metalanguage used to specify markup or tagging languages that can be used to encode the structure of documents. Since SGML is an ISO standard and is being widely ...

60 Basic concepts for an HDL reverse engineering tool-set 

Gunther Lehmann, Bernhard Wunder, Klaus D. Müller-Glaser

January 1997 **Proceedings of the 1996 IEEE/ACM international conference on Computer-aided design**

Publisher: IEEE Computer Society

Full text available: .pdf(298.21 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)
 Publisher Site

Designer's productivity has become the key-factor of the development of electronic systems. An increasing application of design data reuse is widely recognized as a promising technique to master future design complexities. Since the intellectual property of a design is more and more kept in software-like hardware description languages (HDL), successful reuse depends on the availability of suitable HDL reverse engineering tools. This paper introduces new concepts for an integrated HDL reverse eng ...

Keywords: VHDL Verilog Hardware Description Reuse Reverse Engineering Hypertext CASE Visualization Productivity Design Process Analysis Control Flow ADA Graphical Symbol

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61 [Special issue on knowledge representation](#)

Ronald J. Brachman, Brian C. Smith
February 1980 **ACM SIGART Bulletin**, Issue 70

Publisher: ACM Press

Full text available: [pdf\(13.13 MB\)](#) Additional Information: [full citation](#), [abstract](#)

In the fall of 1978 we decided to produce a special issue of the SIGART Newsletter devoted to a survey of current knowledge representation research. We felt that there were two useful functions such an issue could serve. First, we hoped to elicit a clear picture of how people working in this subdiscipline understand knowledge representation research, to illuminate the issues on which current research is focused, and to catalogue what approaches and techniques are currently being developed. Second ...



62 [HyperStorM: an extensible object-oriented hypermedia engine](#)

Ajit Bapat, Jürgen Wäsch, Karl Aberer, Jörg M. Haake
March 1996 **Proceedings of the the seventh ACM conference on Hypertext**

Publisher: ACM Press

Full text available: [pdf\(1.57 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Keywords: database management system support for hypermedia app, hypermedia engine, open extensible hypermedia systems



63 [A field study of the software design process for large systems](#)

Bill Curtis, Herb Krasner, Neil Iscoe
November 1988 **Communications of the ACM**, Volume 31 Issue 11

Publisher: ACM Press

Full text available: [pdf\(2.50 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

The problems of designing large software systems were studied through interviewing personnel from 17 large projects. A layered behavioral model is used to analyze how three of these problems—the thin spread of application domain knowledge, fluctuating and conflicting requirements, and communication bottlenecks and breakdowns—affected

software productivity and quality through their impact on cognitive, social, and organizational processes.

64 A tool to support specification and evaluation of context-customized interfaces 

 Fiorella de Rosis, Sebastiano Pizzutilo, Berardina De Carolis
July 1996 **ACM SIGCHI Bulletin**, Volume 28 Issue 3

Publisher: ACM Press

Full text available:  pdf(760.63 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

Intelligent tools to support user interface building are being developed as a response to the difficulty of implementing interfaces of increasing complexity [1, 5, 6, 10, 7]. These tools provide expert assistance to insure that usable interfaces are developed correctly, by formalizing guidelines and criteria which are well known to experts. Less effort has been devoted so far to the objective of supporting the cooperative work of designers and final users in defining how the interface should look ...

65 Spreadsheets for images 

 Marc Levoy
July 1994 **Proceedings of the 21st annual conference on Computer graphics and interactive techniques**

Publisher: ACM Press

Full text available:  pdf(69.71 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)
 ps(106.96 KB)

We describe a data visualization system based on spreadsheets. Cells in our spreadsheet contain graphical objects such as images, volumes, or movies. Cells may also contain widgets such as buttons, sliders, or curve editors. Objects are displayed in miniature inside each cell. Formulas for cells are written in a general-purpose programming language (Tcl) augmented with operators for array manipulation, image processing, and rendering. Compared to flow chart visualization systems, ...

Keywords: data visualization, flow charts, spreadsheets, user interfaces, visual programming languages

66 Software reuse 

 Charles W. Krueger
June 1992 **ACM Computing Surveys (CSUR)**, Volume 24 Issue 2

Publisher: ACM Press

Full text available:  pdf(4.96 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Software reuse is the process of creating software systems from existing software rather than building software systems from scratch. This simple yet powerful vision was introduced in 1968. Software reuse has, however, failed to become a standard software engineering practice. In an attempt to understand why, researchers have renewed their interest in software reuse and in the obstacles to implementing it. This paper surveys the different approaches to software reuse found in the ...

Keywords: abstraction, cognitive distance, software reuse

67 Increasing agent autonomy in dynamic environments 

 Subrata Das, Alper Caglayan, Paul Gonsalves
May 1998 **Proceedings of the second international conference on Autonomous agents**

Publisher: ACM Press

Full text available:  pdf(1.01 MB)

Additional Information: [full citation](#), [references](#), [index terms](#)

Keywords: autonomy, learning, software agent, user modeling

68 A VHDL reuse workbench 

G. Lehmann, K. Müller-Glaser, B. Wunder

September 1996 **Proceedings of the conference on European design automation**

Publisher: IEEE Computer Society Press

Full text available:  pdf(301.67 KB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

69 The HyperDisco approach to open hypermedia systems 

 Uffe Kock Wiil, John J. Leggett

March 1996 **Proceedings of the the seventh ACM conference on Hypertext**

Publisher: ACM Press

Full text available:  pdf(1.07 MB)

Additional Information: [full citation](#), [citations](#), [index terms](#)

Keywords: collaborative work, computation, data models, distribution, extensibility, heterogeneity, hyperbase management systems, hypermedia platforms, integration, inter-tool linking, interoperability, link services, open hypermedia systems, openness, scalability, system architectures

70 Documents are programs 

 Tony Cahill, Michael G. Hinckley, Liam Relihan

November 1993 **Proceedings of the 11th annual international conference on Systems documentation**

Publisher: ACM Press

Full text available:  pdf(989.39 KB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

71 The cobbler's children: how can and should we use CSCW tools in our own work? 

 Robert Halperin, Kevin Crowston

December 1994 **ACM SIGOIS Bulletin**, Volume 15 Issue 2

Publisher: ACM Press

Full text available:  pdf(786.37 KB)

Additional Information: [full citation](#), [index terms](#)

72 Organizational learning and getting the work done in newly computerized contexts 

 Carole Groleau, James R. Taylor

December 1996 **ACM SIGOIS Bulletin**, Volume 17 Issue 3

Publisher: ACM Press

Full text available:  pdf(378.36 KB)

Additional Information: [full citation](#), [index terms](#)

73 Increasing the portability and re-usability of protocol code 

Bobby Krupczak, Kenneth L. Calvert, Mostafa H. Ammar
August 1997 **IEEE/ACM Transactions on Networking (TON)**, Volume 5 Issue 4
Publisher: IEEE Press
Full text available: [pdf\(283.64 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)

Keywords: portability, protocol deployment, protocol implementation, protocol subsystem

- 74 [Applying Tufte's principles of information design to creating effective Web sites](#) 
◆ Beverly B. Zimmermann
◆ October 1997 **Proceedings of the 15th annual international conference on Computer documentation**
Publisher: ACM Press
Full text available: [pdf\(926.69 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)

Keywords: document design, home pages, informationdesign, web page design

- 75 [Kiosk-based user testing of online books](#) 
◆ Jean Scholtz
◆ September 1998 **Proceedings of the 16th annual international conference on Computer documentation**
Publisher: ACM Press
Full text available: [pdf\(915.51 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)

Keywords: Web-based documentation, kiosk-based testing, navigation, online books, usability testing

- 76 [InfoBeams—configuration of personalized information assistants](#) 
◆ Mathias Bauer, Dietmar Dengler
◆ December 1998 **Proceedings of the 4th international conference on Intelligent user interfaces**
Publisher: ACM Press
Full text available: [pdf\(868.06 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Keywords: information assistants, information integration, programming by demonstration, wrapper induction

- 77 [Catching bugs in the web of program invariants](#) 
◆ Cormac Flanagan, Matthew Flatt, Shriram Krishnamurthi, Stephanie Weirich, Matthias Felleisen
May 1996 **ACM SIGPLAN Notices , Proceedings of the ACM SIGPLAN 1996 conference on Programming language design and implementation PLDI '96**, Volume 31 Issue 5
Publisher: ACM Press
Full text available: Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index](#)

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[terms](#)

MrSpidey is a user-friendly, interactive static debugger for Scheme. A static debugger supplements the standard debugger by analyzing the program and pinpointing those program operations that may cause run-time errors such as dereferencing the null pointer or applying non-functions. The program analysis of MrSpidey computes value set descriptions for each term in the program and constructs a value flow graph connecting the set descriptions. Using the set descriptions, MrSpidey can identify and h ...

78 [Populating the Internet: supporting multiple users and shared applications with VRML](#) 

 Wolfgang Broll

February 1997 **Proceedings of the second symposium on Virtual reality modeling language**

Publisher: ACM Press

Full text available:  pdf(1.04 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Keywords: multicasting, multiuser environments, subdivision of shared virtual worlds, virtual reality modeling language (VRML)

79 [Writing Man Pages in HTML](#) 

Michael Hamilton

March 1997 **Linux Journal**

Publisher: Specialized Systems Consultants, Inc.

Full text available:  html(29.94 KB) Additional Information: [full citation](#), [references](#), [index terms](#)

80 [A WYSIWYG literate programming system \(preliminary report\)](#) 

 Eitan M. Gurari, Jesse Wu

April 1991 **Proceedings of the 19th annual conference on Computer Science**

Publisher: ACM Press

Full text available:  pdf(623.43 KB) Additional Information: [full citation](#), [references](#), [citations](#)

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David S. Ranson, Emily S. Patterson, Daniel L. Kidwell, Gavin A. Renner, Mike L. Matthews, Jim M. Corban, Emil Seculov, Constantine S. Souhleris

April 1996 **Proceedings of the SIGCHI conference on Human factors in computing systems: common ground**

Publisher: ACM Press

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Keywords: decision support, ethnography, groupware, portable computing, representation aiding, visualization

82 [Design case: building community in a design effort in a decentralized, individualistic setting](#)

Judith Ramey, David Farkas

August 1997 **Proceedings of the conference on Designing interactive systems: processes, practices, methods, and techniques**

Publisher: ACM Press

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Keywords: World Wide Web, collaborative design, inductive data analysis, participatory design

83 [Teaching C++ on the WWW](#)

Martin Hitz, Stefan Kögeler

June 1997 **ACM SIGCSE Bulletin , Proceedings of the 2nd conference on Integrating technology into computer science education ITiCSE '97**, Volume 29 Issue 3

Publisher: ACM Press

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We present the WWW-based interactive C++ Course developed at the University of Vienna to support introductory programming lectures of the first year of our *Wirtschaftsinformatik* ("business informatics") curriculum. The paper focuses on some major design concepts of the course as well as on the lessons learned during the project, such as the 3-layer structure of the course, ergonomic issues, an integrated programming interface with multi-user support, and maintainability issues. All of these ...

84 Adding behavior to VRML

 Tom Meyer, D. Brookshire Conner
January 1995 **Proceedings of the first symposium on Virtual reality modeling language**
Publisher: ACM Press
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85 Structured design of microelectromechanical systems

 Tamal Mukherjee, Gary K. Fedder
June 1997 **Proceedings of the 34th annual conference on Design automation DAC '97**
Publisher: ACM Press
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In order to efficiently design complex microelectromechanicalsystems (MEMS) having large numbers of multi-domain components,a hierarchically structured design approach that is incompatible with standard IC design is needed. A graphical-basedschematic, or structural, view is presented as a geometrically intuitiveway to represent MEMS as a set of interconnected lumped-parameterelements. An initial library focuses on suspended-MEMSTechnology from which inertial sensors and other mechanicalmechanisms c ...

86 Application of a general particle system model to movement of pedestrians and vehicles

Lisa A. Schaefer, Gerald T. Mackulak, Jeffery Cochran, Jennifer L. Cherilla
December 1998 **Proceedings of the 30th conference on Winter simulation**
Publisher: IEEE Computer Society Press
Full text available: [pdf\(59.63 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)

87 Conference preview

 Jennifer Bruer
July 1998 **interactions**, Volume 5 Issue 4
Publisher: ACM Press
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 David Dodds
September 1996 **Proceedings of the 24th annual ACM SIGUCCS conference on User services**
Publisher: ACM Press
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89 [Product Review: Visual SlickEdit: A Commercial Editor for Programmers](#) 

Larry Ayers

April 1998 **Linux Journal**

Publisher: Specialized Systems Consultants, Inc.

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90 [The campaign for an ethical Internet](#) 

 Jenny Shearer

June 1998 **ACM SIGCAS Computers and Society , Proceedings of the ethics and social impact component on Shaping policy in the information age ACM POLICY**

'98, Volume 28 Issue 2

Publisher: ACM Press

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The fostering of an Internet societal infrastructure which is consciously ethical, is needed to curtail the new era of global irresponsibility that is at hand. The positive view advanced is contrasted with a scenario of the silencing of a moral Internet community using regulatory constraints, an extension of broadcast techniques, "brain-free" hardware, and control by multi-national corporations. This positive scenario is dependent on the evolution of a moral and responsible Internet global citize ...

91 [Document structure and modularity in mentor](#) 

 V. Donzeau-Gouge, G. Kahn, B. Lang, B. Mélèse

April 1984 **ACM SIGPLAN Notices , ACM SIGSOFT Software Engineering Notes , Proceedings of the first ACM SIGSOFT/SIGPLAN software engineering symposium on Practical software development environments SDE 1**, Volume 19 , 9 Issue 5 , 3

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Mentor is a structured document manipulation system. It has been used for several years as a program development and maintenance environment. Its main characteristics are: it is both interactive and programmable, it is parameterized by the language to be manipulated, it can manipulate several languages at the same time, as well as multi-lingual documents. it is open to and from the outer system, it is extensible. T ...

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 Thorsten Daum, Robert G. Sargent

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